

Product datasheet for **TA349456**

GPAT4 Rabbit Polyclonal Antibody

Product data:

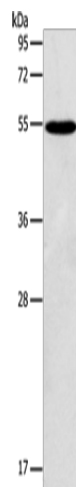
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse testis tissue
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human AGPAT6
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	52 kDa
Gene Name:	glycerol-3-phosphate acyltransferase 4
Database Link:	NP_848934 Entrez Gene 102247 Mouse Entrez Gene 137964 Human Q86UL3
Background:	Lysophosphatidic acid acyltransferases (EC 2.3.1.51) catalyze the conversion of lysophosphatidic acid (LPA) to phosphatidic acid (PA). LPA and PA are involved in signal transduction and lipid biosynthesis. Esterifies acyl-group from acyl-ACP to the sn-1 position of glycerol-3-phosphate, an essential step in glycerolipid biosynthesis. Active against both saturated and unsaturated long-chain fatty acyl-CoAs.
Synonyms:	1-AGPAT 6; AGPAT6; LPAAT-zeta; LPAATZ; TSARG7
Protein Families:	Transmembrane



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Protein Pathways: Ether lipid metabolism, Glycerolipid metabolism, Glycerophospholipid metabolism, Metabolic pathways

Product images:



Gel: 10%SDS-PAGE
Lysate: 40 μ g
Lane: Mouse testis tissue
Primary antibody: TA349456 (GPAT4 Antibody) at dilution 1/117
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 5 seconds